

# Work Order ID 55933

February 5, 2010 9:55:15 AM



Page 1

Item ID: D350-561-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10 Start Qty: 2.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

N/A

Rev N/A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D350-561-141 CHG002

8/10/2/05

u

10-22-05

110

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/10/2/05

(+2)

120

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-561-141

REUB

8

10-2-5 SP (2X)

# Work Order ID 55933

February 5, 2010 9:55:15 AM



Page 2

Item ID: D350-561-141

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10 Start Qty: 2.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/02/05

W 10.02.05

# Picklist Print

February 5, 2010 9:55:19 AM

Page 1

Work Order ID: 55933

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Comments: IPP A: 07.07.26 new issue (DS19379) EC verified by:JLM

Start Date: 2/05/10

Required Date: 2/05/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN3-4A



Bolt

Purchased

No

110

Each

2,009.000

6.0000



10-2-5 54

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

2009

104214

450

104291

300

104322

200

104374

200

104625

300

104817

559

6

AN3-5A



Bolt

Purchased

No

110

Each

1,787.000

4.0000



10-2-5 54 (24)

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

1787

100188

188

105057

1599

4

# Picklist Print

February 5, 2010 9:55:19 AM

Work Order ID: 55933

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A: 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-6A		Purchased	No			110	Each	363.0000	2.0000			

AN3-6A  
Bolt

Warehouse  
Location

Main Warehouse

Loc	Qty
ST	363
112082	7
112513	9
112720	1
113149	100
113289	46
113359	200

10-2-5

sl

AN4-10A

Bolt

Purchased No

110 Each

134.0000 2.0000

10-2-5

20

Warehouse  
Location

Main Warehouse

Loc	Qty
ST	134
103962	4
108986	9
111425	71
113422	50

Loc Code

# Picklist Print

February 5, 2010 9:55:20 AM

Page 3

Work Order ID: 55933

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Comments: IPP Att 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Date: 2/05/10

Required Date: 2/05/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN4-SA		Purchased	No			110	Each	126.0000	2.0000			
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Bolt

10-2-5 SL

Warehouse  
Location

Main Warehouse

ST	126
100089	6
106603	6
109061	9
110844	9
112933	96

NAS1149003631

AN960JD10



Washer

AN960JD416



Washer

D2011-101



6" Mirror

Purchased	No	110	Each	0.0000	24.0000
-----------	----	-----	------	--------	---------

Purchased	No	110	Each	0.0000	8.0000
-----------	----	-----	------	--------	--------

Manufactured	No	110	Each	23.0000	2.0000
--------------	----	-----	------	---------	--------

M 113288 10-2-5 SL

M 113524 10-2-5 SL

10-2-5 SL

Warehouse  
Location

Main Warehouse

ST	23
33992	23

2

February 5, 2010 9:55:20 AM

Shop Packet Print

Page 3

# Picklist Print

February 5, 2010 9:55:20 AM

Work Order ID: 55933



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2012-105 *xl*



Manufactured No

110

Each

11.0000

2.0000



*10-2-3*

*S*  
*72* Arm

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST229

11

52669

11

*2*

D2012-107 *xl*



Manufactured No

110

Each

44.0000

2.0000



*10-2-5*

*S*  
*72* Clevis

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST004

44

93585

4

40274

16

46634

24

*2*

D2012-111 *xl*



Manufactured No

110

Each

31.0000

2.0000



*10-2-5* *sl* *2x*

*S*  
*72* Bracket

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST004

31

40148

31

*2*

February 5, 2010 9:55:20 AM

Shop Packet Print

# Picklist Print

February 5, 2010 9:55:21 AM

Page 5

Work Order ID: 55933

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A: 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2012-115 57 Bracket, Clevis		Manufactured	No			110	Each	71.0000	2.0000			

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST

71

25581

71

Manufactured No

110

Each

429.0000

4.0000

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST504

429

45885

229

50746

100

52325

100

Manufactured No

110

Each

29.0000

2.0000

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST244A

29

48560

29

D3629-1  
57 Bracket

February 5, 2010 9:55:21 AM

Shop Packet Print

Page 5

# Picklist Print

February 5, 2010 9:55:22 AM

Work Order ID: 55933



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A 07.07.26 new issue (DS19379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3635-1		Manufactured	No			110	Each	21.0000	2.0000			



Gasket

16-2-5 SD

Warehouse  
Location

Main Warehouse

ST

21

44175

1

52914

20

Manufactured No

110

Each

8.0000

4.0000



16-2-5

SD (EX)



Gasket

Warehouse  
Location

Main Warehouse

ST

8

47580

8

4



# Picklist Print

February 5, 2010 9:55:26 AM

Work Order ID: 55933

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP At: 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3646-1		Manufactured	No			110	Each	16.0000	2.0000			



5  
R Arm



10-2-5

sl

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST

2

51617

2

2

Main Warehouse

ST229

14

52659

8

53892

6

D3646-3



5  
x2 Arm

Manufactured No

110

Each

17.0000

2.0000



10-2-5

(2x)

sl

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

17

47719

1

51615

8

52668

8

4

# Picklist Print

February 5, 2010 9:55:26 AM

Work Order ID: 55933



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A: 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3		Purchased	No			110	Each	2,775.000	12.0000			



Nut



10-2-5

2X

SL

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 2769

110844 35

111274 27

111668 52

112314 289

112385 498

113523 168

113537 700

113644 1000

Main Warehouse

ST139 6

111668 6

# Picklist Print

February 5, 2010 9:55:32 AM

Work Order ID: 55933



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 2/05/10

Required Date: 2/05/10

Comments: IPP A: 07.07.26 new issue (DSI9379) EC verified by:JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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MS21042L4 *x2* Purchased

No

110

Each

2,839.000

4.0000



*S*  
*+2* Nut



*10-2-5*

*sl*

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

2837

102552

6

104248

6

110507

184

111827

1641

113422

1000

15924

0

Main Warehouse

ST139

2

111827

2

MS21919-WDG7 *x2* Purchased

No

110

Each

19.0000

4.0000



*S*  
*+2* Clamp



*10-2-5*

*sl*

*2x*

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

19

113064

9

113368

10

*4*

**DART**

DESIGN <i>B</i>	DRAWN BY <i>DC</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>UC</i>	APPROVED <i>HA</i>	DRAWING NO. DSI 9379	REV. B SHEET 1 OF 5
DATE 07.11.26		TITLE CARGO MIRROR UPGRADE KIT	SCALE NTS
A	07.07.10	NEW ISSUE	
B	07.11.26	MS21919WDG7 WAS MS21929WDG7	

**REFERENCE ONLY****DART SERVICE INSTRUCTION****TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C**

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

**1.0 PARTS LIST**

Qty -141	Qty -143	Qty -045	Qty -011	Part Number	Description
X	1			D350-561-141	SINGLE MIRROR INSTALLATION (REPLACES -041)
	X			D350-561-143	DUAL MIRROR INSTALLATION (REPLACES -043)
	1	X		D350-561-045	MIRROR KIT
			X	DSI 9379-011	UPGRADE KIT
1		1		D2011-101	MIRROR
1				D2012-105	ARM
1				D2012-107	CLEVIS
1				D2012-111	BRACKET
		2		D2012-113	CLAMP
1				D2012-115	BRACKET
2				D2022-101	SPACER
1*		1*		D3014-1	LOCKNUT
1			1	D3629-1	BRACKET
1			1	D3635-1	GASKET
2			2	D3635-3	GASKET
1			1	D3646-1	ARM
1			1	D3646-3	ARM
3			3	AN3-4A	BOLT
2			2	AN3-5A	BOLT
1				AN3-6A	BOLT
1				AN4-5A	BOLT
1				AN4-10A	BOLT
12			10	AN960JD10	WASHER
4				AN960JD416	WASHER
1*		1*		AN960JD416L	WASHER
6			5	MS21042L3	NUT (OR MS21042-3)
2				MS21042L4	NUT (OR MS21042-4)
2			2	MS21919WDG7	CLAMP

\*INCLUDED AS PART OF D2011-101 MIRROR

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01**APPROVED**BY: *D. Shepherd*  
D. SHEPHERD (DE # 02)DATE: 07.11.30  
CERT. NO.: SH91-20  
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